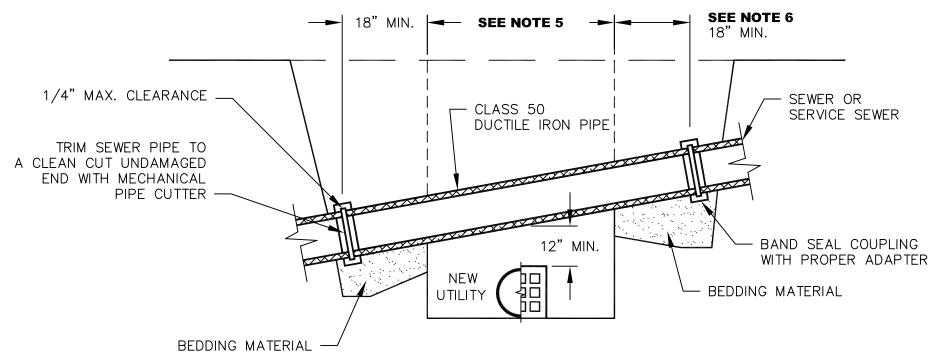
APPROVED: Limi Hackworth

DIRECTOR OF PUBLIC WORKS

COUNTY OF PLACER DEPARTMENT OF PUBLIC WORKS

SEWER UTILITY CROSSING

DATE: JULY, 2005 NTS PLATE **U-20** (94)



NOTES:

- 1. INSIDE DIAMETER OF DUCTILE IRON PIPE TO BE SAME AS THE PIPE TO WHICH IT CONNECTS.
- 2. REPLACE WITH DUCTILE IRON PIPE, AS PER THIS DETAIL, WHENEVER A NEW UTILITY IS CONSTRUCTED BENEATH THE SEWER PIPE.
- 3. USE DUCTILE IRON PIPE, AS PER THIS DETAIL WHENEVER A NEW SEWER PIPE IS CONSTRUCTED ABOVE AN EXISTING UTILITY OR WHENEVER CLEARANCE IS LESS THAN 12".
- 4. ALTERATION OF SEWER GRADES WILL BE PERMITTED ONLY AFTER WRITTEN PERMISSION HAS BEEN RECEIVED FROM THE PLACER COUNTY DEPARTMENT OF FACILITY SERVICES.
- 5. WHENEVER THE SPAN, WHETHER CAUSED BY TRENCH WIDTH OR CROSSING ANGLE, OF THE DUCTILE IRON PIPE EXCEEDS 3 FT.—O IN. PLACE BEDDING MATERIAL TO 6 IN. ABOVE THE DUCTILE IRON PIPE.
- 6. FOR CROSSINGS OF DOMESTIC WATER LINES, A MINIMUM OF 18 LF OF DIP SHALL BE USED AND CENTERED OVER CROSSING.
- 7. THIS DETAIL TO BE USED WHENEVER A SEWER LATERAL OR SEWER SERVICE CROSSES OVER ANY EXISTING OR PROPOSED UTILITY OR CULVERT AND WHEN A NEW UTILITY IS INSTALLED UNDER AN EXISTING SEWER.